

Data sheet Bunker delivery facilities



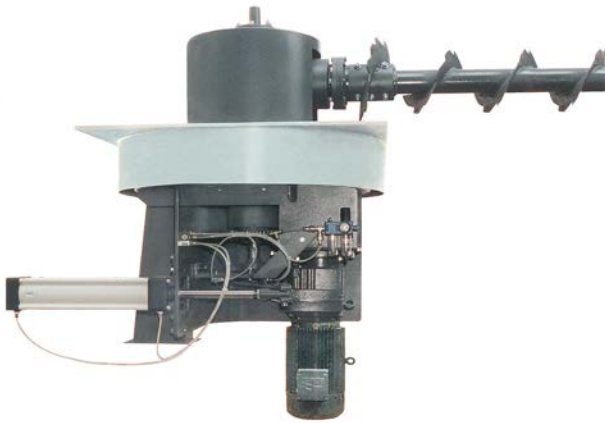
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Horizontal screw conveyor SAH-HD



For silos up to 8 m in diameter and all kinds of dry wood splints and chips up to size G 30 according to OeNORM M7133. The auger is driven by compressed air, so no additional hydraulic power unit is needed. Especially for silo installations which have to be emptied down to the floor.

Version SAH-HD is suitable for quick-discharge to fill trucks.

Technical data SAH-HD 5/8

max. silo diameter	8 m
Conveyor capacity	9 loose m ³ /h
Connected value	2,0 kW (400/230 V)

Optional accessory: Quick-discharger w/controller for truck silling SE (SAH-HD)

Technical data SE (SAH-HD)

Conveyor capacity	18 loose m ³ /h
Connected value	4,0 kW (400/230 V)

Ramrod extraction facility SASS

Hydraulic powered delivery system, for all kinds of wood chips and pellets up to size G 100 according to OeNORM M7133. Usually installed in pairs, equipped with transverse auger and integrated filling level monitoring.



Suitable for flat bunker silos with high filling capacity (e.g. wood chip district heating plants). Especially for silo installations which are out of use for longer periods. Version SAH-HD suitable for quick-discharge to fill trucks.

Technical data SASS

Conveyor capacity	max. 40 loose m ³ /h
Connected value	depends (400/230 V)

Transverse auger technical data:

Conveyor capacity	max. 40 loose m ³ /h
Connected value	depends (400/230 V)

Modular agitator system



For optimal usage of fuel storage facilities without beveled surface from 2,5 – 6 m in diameter and for a max. filling level up to 6 m. Delivers wood chips and shavings and pellets sized up to G30 acc. to OeNORM M7133 (dry and humid, not frozen). Robust agitator with heavy gearing and pressure discharge for reliable operation. The discharge system with agitator is modular, that means the system consists of elements which can be combined according to the room situation or room size. High-quality drive motors with power ratings according to individual transportation needs.

Modular agitator system with integrated electrical drive

Basic package containing:

- agitator desk, console and screw
- endpiece, motor, drive motor

Available power levels (400 V three-phase): < 200 kW · 220 – 350 kW · 400 – 500 kW

Planning notes/guidelines

- Agitator Ø: 2m / 2,5m / 3m / 3,5m / 4m / 4,5m / 5m / 5,5m / 6m
- Length open part (trough): max. 3m
- Length closed part (extensions): max. 3m
- Max. bulk height for pellets: 4m
- Max. bulk height for woodchips: 6m
- Angle: max. 25°

Modular agitator system with separate drive

Available power levels (400 V, three-phase): 500 – 1.000 kW

Planning notes/guidelines

- Agitator Ø: 4m / 4,5m / 5m / 5,5m / 6m
- Length open part (trough): max. 3,0m
- Length closed pt. (screw channel): max. 5,0m
- Length separate drive: max. 6,0m
- Max. bulk height for pellets: 4m
- Max. bulk height for woodchips: 6m
- Angle: max. 15°
- 3 spring arms

Pendulum screw conveyor SAP



This 80° conveyor system suits silos from 3 to 8 m in diameter and all kinds of dry wood splints and chips up to size G 30 according to OeNORM W 1733. Especially for silo installations which are out of use for longer periods (i.e. only during heating seasons).

Pendulum screw conveyor 80° without forced feedrate. SAP 1/4

Technical data SAP 1/4:

max. silo diameter	5 m
Conveyor capacity	1,2 loose m ³ /h
Connected value	0,55 kW (400/230 V)

Pendulum screw conveyor 80° without forced feedrate. SAP 2/6

Technical data SAP 2/6:

max. silo diameter	7 m
Conveyor capacity	2,4 loose m ³ /h
Connected value	0,75 kW (400/230 V)

Pendulum screw conveyor 80° without forced feedrate. SAP 4/8

Technical data SAP 4/8:

max. silo diameter	8 m
Conveyor capacity	4,5 loose m ³ /h
Connected value	1,1 kW (400/230 V)

Optional accessory: Quick-discharger w/controller for truck filling SE (SAP)

Technical data SE (SAP):

Conveyor capacity	9 loose m ³ /h
Connected value	1,5 kW (400/230 V)

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